

FIELD CHANGE ORDER

Service

Issued by : PMS DMC Hamburg
Released by : Karl-H. Hamburg **signed**
Publication No. : 4512 980 59601

Reference No. : FCO74200007
Date : September 2, 2002
Product Group : 742



SCP 50/80/100
OMCP / MRC
OMCP / MRM
Optimus RAD 50/65/80
Optimus R/F 50/65/80
Optimus C 50/65/80

APPLIES TO:

Note:

This FCO is valid only for the generators mentioned in the ANR which have already been installed on customer sites.

For generators mentioned in the ANR which have **not** already been installed please perform **FCO74200006**.

TITLE:

Transport wheel problems with generator cabinet 40E.

LIST OF PAGES & DRAWINGS:

FCO74200007	1 ... 8	02.0
	ANR 1 ... 2	02.0

INTRODUCTION:

- Symptom** : In individual cases blocking of the transport wheels may occur which might result in the tipping over of the generator cabinet during transport.
- Cause** : It may happen that the retaining rings on the axle of the transport wheel are not properly fixed.
This may have the effect that the retaining rings fall off and that the transport wheel slips off the axle. Thus the transport wheel is blocked which might cause the tipping over of the generator cabinet.
- Remedy** : Check of the transport wheels.

Note:

This FCO is valid only for the generators mentioned in the ANR which have already been installed on customer sites.

For generators which have **not** been installed please perform **FCO74200006**.

Check of all four transport wheels (illustration 1).

The four transport wheels are secured with retaining rings on the axles.

The retaining rings are located on the left-hand and right-hand side of each axle (8 pieces).

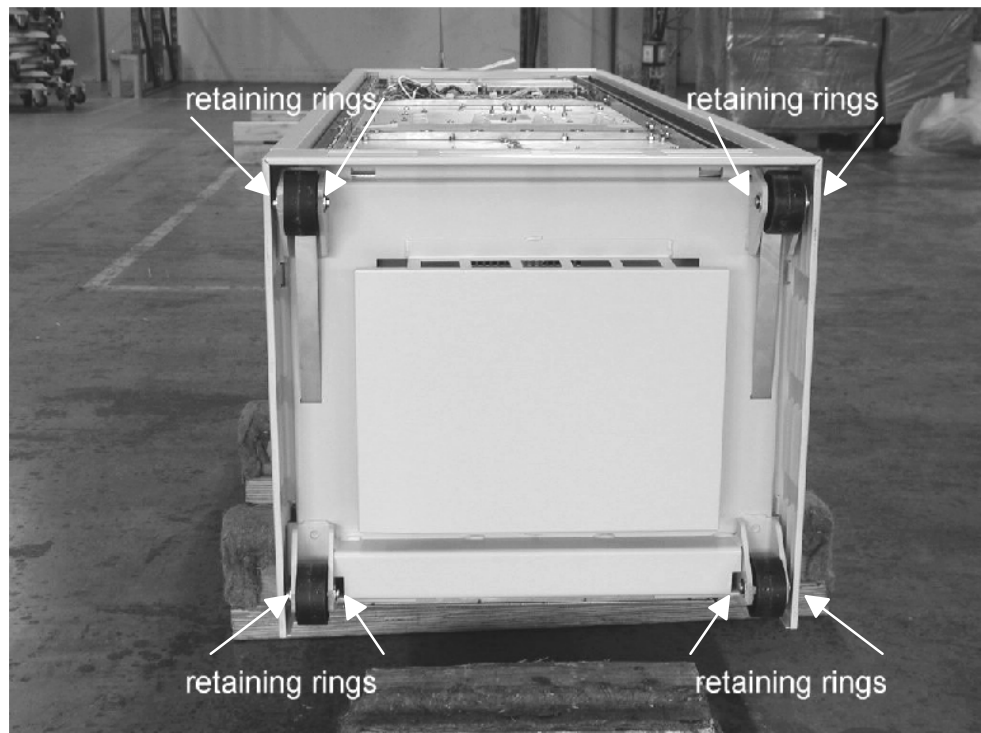


Illustration 1

MANPOWER / TIME TO COMPLETE:

2 hours, 2 service engineers

TOOLS & TEST EQUIPMENT:

- Standard tool set

MODIFICATION KIT TO BE ORDERED, NOT INCLUDED IN THIS FCO:

4512 104 96701	Retrofit kit "Transport wheels"
containing:	
2522 600 86153	2 washers
2522 634 25008	2 retaining rings
4512 104 96711	Sticker 'Transport Wheels Checked'
4512 980 59601	This FCO as instruction manual

Or buy locally: Washer A 10.5mm DIN 125
Retaining ring 7mm DIN 6799

Ordering Info: N / A

PROCEDURE:

- Check for sticker '**Transport Wheels Checked**' at the upper left corner of the cabinet (illustration 2).

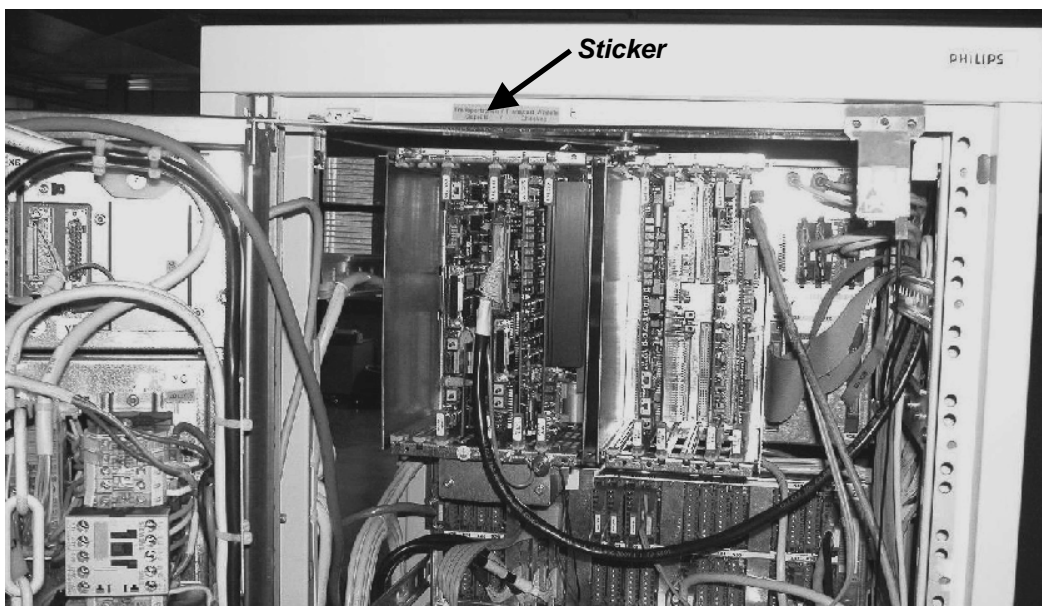


Illustration 2

D

WARNING!

**Before starting any work separate the generator from mains.
I.e. remove all system mains fuses of the in house installation
and make sure that the generator cannot be switched ON
accidentally.**

- For all generators applied to which have already been installed check all four transport wheels.
- Carefully move the generator away from the wall. Proceed with utmost care because one of the transport wheels may already be blocked. A second person must make sure that the generator does not tip over or side wards. Move the generator away from the wall until enough space is provided to work on the side of the generator.
- With SCP / OMCP generators separate the HV tank mechanically from the generator cabinet (see section B "Installation Generator Subsystem book") and push it to the rear until access is provided to both sides of the generator cabinet.
With Optimus 30/50/65 RAD / RF / C generators this work is not necessary since the HV tank is installed inside the generator cabinet.
- Slightly tilt the generator cabinet to the side (**not in the direction the transport wheels would start rolling!**).

CAUTION!

In case of Optimus 30/50/65 RAD / RF / C generators DO NOT tilt more than 20°. Air bubbles can stick underneath of the HV metal screen inside the tank (illustration 3).

- The second person must check with the mirror provided in the standard tool kit whether all four transport wheels are secured with a retaining ring and washer on both sides of the wheel.
(illustration 3).

D

WARNING!

Do not reach with your hand under the generator cabinet.



Illustration 3

The retaining rings must sit securely in the grooves of the axle at both ends (illustration 4).



Illustration 4

RESULTS

1.) The retaining rings do not sit securely in the grooves of the axle (illustration 5).



Illustration 5

- Disconnect all cables of the generator cabinet.

- Tilt the cabinet through 90° and place it upon suitable wooden bars (illustration 6).

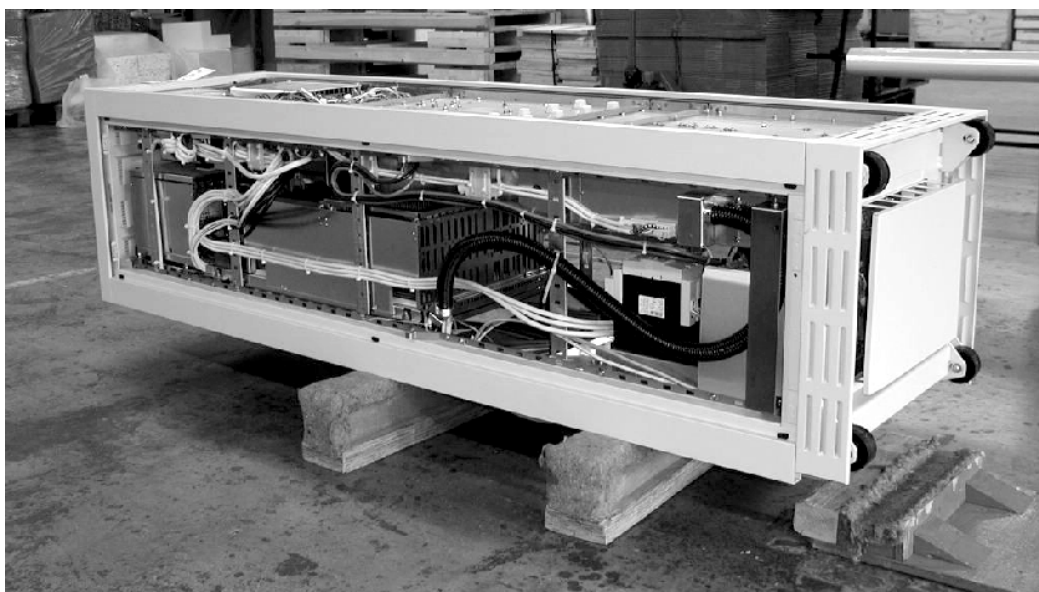


Illustration 6

- Check the washers are still in place.
- Use suitable pliers to insert the retaining rings properly in their grooves.
- Continue at step 'Re-attach the HV tank.....', point 3 on next page.

2.) The retaining rings are missing completely (Illustration 7).



Illustration 7

- The retaining rings and washers must be installed as soon as possible in a separate retrofit support action. Order retrofit kit number.
Manpower / time needed for this action: 2 engineers / 10 hours.

3.) All retaining rings including washers sit securely on the axles (illustration 4 on page 6).

- Re-attach the HV tank / Grid Switch Tank at the generator cabinet.
- Connect all generator cables.
- Push the generator back into its original position.
- Switch ON again the system mains fuses and perform a functional test of the system.
- Cut out the sticker below and fix it with transparent TESA-film or take the sticker from the retrofit kit.



- Stick the sticker at the upper left corner of the cabinet (illustration 2 on page 3).

PARTS DISPOSAL:

N / A

DOCUMENTATION:

- Log this action in the section "History Record" of the System Reference Manual.
- File this FCO in the section "Service Information" of the System Reference Manual.
- Fill out the attached Action Notification Report and send it to your SSD Customer Services Manager.

FCO ACTION NOTIFICATION REPORT

For local SSD use only; do not return to PMG.

TITLE : <i>Transport wheel problems with generator cabinet 40E</i>			
CLASSIFICATION : <i>Service Recommendation</i>	FCO REF. NO.: FCO74200007		
APPLIES TO : <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%; vertical-align: top;"> SCP 50/80/100 OMCP / MRC OMCP / MRM </td> <td style="width: 50%; vertical-align: top;"> Optimus RAD / R/F 50/65/80 Optimus C 50/65/80 </td> </tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 48%;"> 9890 000 00566 9890 000 00567 9890 000 00641 9890 000 00642 9890 000 00754 9890 000 00755 9890 000 00407 9890 000 00794 9890 000 01021 9890 000 00984 9890 000 00628 9890 000 61981 9890 000 00983 9890 000 00984 9890 000 00993 9890 000 00994 9890 000 61991 </div> <div style="width: 48%;"> 9890 000 02001 9890 000 61612 9890 000 61732 9890 000 61733 9890 000 00972 9890 000 00973 9890 000 00945 9890 000 61642 9890 000 61652 9890 000 02021 9890 000 01052 9890 000 61711 / 12 / 13 9890 000 61721 / 22 / 23 9890 000 61731 / 32 / 33 9890 000 61741 / 42 / 43 9890 000 61751 / 52 / 53 9890 000 61761 / 62 / 63 0000 007 42010 / 12 </div> </div>		SCP 50/80/100 OMCP / MRC OMCP / MRM	Optimus RAD / R/F 50/65/80 Optimus C 50/65/80
SCP 50/80/100 OMCP / MRC OMCP / MRM	Optimus RAD / R/F 50/65/80 Optimus C 50/65/80		

HOSPITAL / ADDRESS :														
LOCATION / FW SITE NO.:	SALES ORDER NO. / OA NO.:													
PRODUCT NUMBER : <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center; width: 150px;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>														
UNIT SERIAL NUMBER : <table border="1" style="display: inline-table; border-collapse: collapse; width: 350px; height: 20px;"></table>														
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> ACTION ON THIS UNIT WAS: (select one) <div style="margin-top: 10px;"> <input type="checkbox"/> Completed per instruction on _____ <div style="text-align: center; width: 100px;">DATE</div> </div> <div style="margin-top: 10px;"> <input type="checkbox"/> Completed by the factory prior to delivery. </div> <div style="margin-top: 10px;"> <input type="checkbox"/> Not completed as this unit is not affected per instruction because: (state reason) <div style="border-bottom: 1px solid black; width: 500px; margin-top: 5px;"></div> </div> <div style="margin-top: 10px;"> <input type="checkbox"/> Not completed because customer has unit in storage. Required parts & instructions received by the customer. </div> </div> </div> <div style="width: 35%; text-align: right;"> JOB NO. / SERVICE INCIDENT NO.: <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"></table> </div>														